# Xray Test Management

<https://marketplace.atlassian.com/apps/1211769/xray-test-management-for-jira?tab=overview&hosting=cloud>

Manage all your Tests as Jira issues. Very interactive tool with dozens of features, such as test planning, testcase execution, coverage reporting, etc.

# Cucumber

A tool that supports [Behaviour-Driven Development](https://cucumber.io/docs/bdd) (BDD). If you’re new to Behaviour-Driven Development read our BDD introduction first.

Cucumber reads executable specifications written in plain text and validates that the software does what those requirement specifications (RS) say. The RS consists of multiple *examples*, or *scenarios*. For example:

*SCENARIO: Breaker guesses a word*

*GIVEN the Maker has chosen a word*

*WHEN the Breaker makes a guess*

*THEN the Maker is asked to score*

Each scenario is a list of *steps* for Cucumber to work through. Cucumber verifies that the software conforms with the specification and generates a report indicating ✅ success or ❌ failure for each scenario.

In order for Cucumber to understand the scenarios, they must follow some basic syntax rules, called [Gherkin](https://cucumber.io/docs/gherkin/).

Refs: [Cucumber - Visual Studio Marketplace](https://marketplace.visualstudio.com/items?itemName=CucumberOpen.cucumber-official)